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**Serial Number: 10574201** 

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## **Inventor Information for 10/574201**

Inventor Name	City	State/Country
SUGAWARA, HIROYUKI	KANAGAWA	JAPAN
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US 20070043317	20070222	Method of producing blood	604/6.15	604/403; 604/406	Sugawara; Hiroyuki
A1		processing circuits and filter unit		·	
US 20060211158 A1	20060921	Method and apparatus for perforating printed circuit board	438/8	156/345.1; 156/345.24; 216/85; 216/94; 438/690	Arai; Kunio et al.
US 20060180526 A1	20060817	Blood treating set and cell treating set	210/91	210/512.1; 604/403; 604/408; 604/410	Sugawara; Hiroyuki et al.
US 20050270518 A1	20051208	Method for determining position of reference point	355/77	355/53	Sugawara, Hiroyuki et al.
US 20050127051 A1	20050616	Laser machining apparatus	219/121.73	219/121.75	Mori, Sadao et al.
US 20040256089 A1	20041223	Method of surface treating aluminum alloy base body of heat exchanger and heat exchanger produced by the method	165/133		Kobayashi, Kengo et al.
US 20040188401 A1	20040930	LASER PROCESSING APPARATUS	219/121.74		Mori, Sadao et al.
US 20040098368 A1	20040520	Data storage system	707/1		Sugawara, Hiroyuki et al.
US 20030173000 A1	20030918	Sliding material	148/433		Sakai, Kenji et al.
US 20030150600 A1	20030814	Aluminum alloy heat exchanger resistive to tobacco odor impregnation	165/133		Hamamura, Kazunari et al.
US 20030037914 A1	20030227	Hydrophilic modification method and heat	165/133	165/905	Inbe, Toshio et al.

		exchanger treated thereby			
US 20030012972 A1	20030116	Aluminum-base composite bearing material and method of producing the same	428/553	384/912; 419/6; 428/653; 428/933; 429/8	Hasegawa, Yasukuni et al.
US 20020090523 A1	20020711	Aluminum alloy heat exchanger resistive to tobacco odor impregnation	428/457	428/459	Hamamura, Kazunari et al.
US 6698507 B2	20040302	Aluminum alloy heat exchanger resistive to tobacco odor impregnation	165/133	165/134.1; 536/20	Hamamura; Kazunari et al.
US 6696168 B2	20040224	Aluminum-base composite bearing material and method of producing the same	428/557	384/910; 384/912; 419/29; 419/43; 419/50; 419/55; 419/69; 428/653; 428/654; 428/933	Hasegawa; Yasukuni et al.
US 6689481 B2	20040210	Aluminum alloy heat exchanger resistive to tobacco odor impregnation	428/457	165/133; 428/458; 428/459	Hamamura; Kazunari et al.
US 6659171 B2	20031209	Hydrophilic modification method and heat exchanger treated thereby	165/133	165/134.1; 427/388.2; 427/409; 525/56	Inbe; Toshio et al.
US 6306226 B1	20011023	Process for surface-treating an aluminum- containing metal	148/247	148/251; 148/261; 148/275; 427/409	Iino; Yasuo et al.
US 5202898 A	19930413	Laser oscillator, laser resonator, and apparatus for manufacturing of	372/92	372/101; 372/108; 372/99	Sugawara; Hiroyuki et al.

-		semiconductor			
US 5117434 A	19920526	Metal vapor laser apparatus	372/56	372/34; 372/35; 372/55; 372/61; 372/85; 372/90	Oohashi; Tuneyoshi et al.
US 5054029 A	19911001	Pulse power supply circuit	372/38.04	372/69	Sugawara; Hiroyuki et al.
US 5038082 A	19910806	Vacuum switch apparatus	315/326	313/146; 313/230; 313/233; 313/293; 315/357	Arita; Hiroshi et al.
US 4991180 A	19910205	Metallic vapor laser apparatus	372/56	372/34; 372/58; 372/60; 372/61	Yamaguchi; Motoo et al.
US 4949339 A	19900814	Multiplexer apparatus adaptable for two kinds of transmission rates	370/538	370/545	Shimada; Naohiro et al.
US 4818892 A	19890404	Laser device with high-voltage pulse generator, high-voltage pulse generator and pulse generating method	307/106	307/108; 307/415; 307/417; 307/83; 363/133; 363/134	Oohashi; Tuneyoshi et al.
US 4740980 A	19880426	Gas laser device	372/58	372/61; 372/701; 372/87	Shirakura; Toshiharu et al.
US 4602372 A	19860722	Gas laser generator	372/58	372/34; 372/61; 372/93	Sasaki; Kouji et al.
US 4590599 A	19860520	Gas laser device	372/87	372/88	Kawakubo; Yukio et al.
US 4541097 A	19850910	Gas laser device with plural electrode members on the upper gas flow	372/87	372/61; 372/66; 372/85; 372/88	Kuwabara; Kouji et al.

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	-	side			·
US 4503357 A US 4500998	19850305 19850219	side Cathode-ray tube Gas laser	315/1	313/299; 313/313; 313/402; 313/414; 313/457; 313/479; 315/8 372/34; 372/55;	Ouhata; Koukichi et al. Kuwabara; Kouji et al.
				372/58; 372/700; 372/93; 378/55	J
US 4474468 A	19841002	Method of and apparatus for measuring laser beam	356/121	324/149; 324/71.3; 356/215; 356/222; 356/73	Shirakura; Toshiharu et al.
US 4468777 A	19840828	Mirror supporting frame for gas laser oscillation apparatus	372/107		Takemori; Satoshi et al.
US 4427857 A	19840124	Vacuum interrupter	218/129		Abe; Nobuo et al.
US 4391519 A	19830705	Axis-monitoring apparatus for a laser beam	356/153	219/121.78	Kuwabara; Kouji et al.
US 4351052 A	19820921	Coaxial type gas- flow laser device	372/58	372/99	Sasaki; Kouji et al.
US 4331939 A	19820525	Gas laser device	372/92	372/61; 372/87; 372/98	Kuwabara; Kouji et al.
US 4287487 A	19810901	Gas laser generating device of the longitudinal gas flow type	372/85	372/58; 372/86	Kuwabara; Kouji et al.
US 4229631 A	19801021	Vacuum-type circuit breaker	218/130	218/132	Arakawa; Hideo et al.
US 4216513 A	19800805	D.C. Circuit breaker	361/13	361/4; 361/8	Tokuyama; Shunji et al.
US 4210790 A	19800701	Vacuum-type circuit interrupter	218/127	218/128	Kurosawa; Yukio et al.
US 4196327	19800401	Vacuum	218/129		Kurosawa;

A		interrupter			Yukio et al.
US 4163130 A	19790731	Vacuum interrupter with pressure monitoring means	218/122	313/577; 324/122; 361/1; 361/120	Kubota; Yoshiyuki et al.
US 4088860 A	19780509	Vacuum interrupter for high voltage application	218/136		Abe; Nobuo et al.
US 4021633 A	19770503	Persistent current switch including electrodes forming parallel conductive and superconductive paths	200/262	200/289; 218/118; 218/123; 218/131; 218/139; 335/216; 505/882	Kuwabara; Kooji et al.
US 3809933 A	19740507	SUPERCOOLED ROTOR COIL TYPE ELECTRIC MACHINE	310/52	174/DIG.21; 174/DIG.32; 310/10; 310/40R	Sugawara; Hiroyuki et al.
US 3764764 A	19731009	VACUUM CIRCUIT BREAKER	218/127		Takasuna; Tsuneyoshi et al.